

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/AU2004/000987**

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>7</sup> : <b>G11B 7/00</b> According to International Patent Classification (IPC) or to both national classification and IPC					
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) <b>DWPI,USPTO,ESPACE,IEEE XPLORE,GOOGLE (sampling, function, grating, storage, hologram, code)</b>					
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>					
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
P,A	US 6654521 B2 (SHENG et al.) 25 November 2003 Abstract, column 3 lines 25-34, column 15 lines 5-28, claims	1			
A Y	US 6549664 (DAIBER et al.) 15 April 2003 Abstract Figures, Claims	1 13,23,26			
A	BURYAK et al. "Optimization of Refractive Index Sampling for Multichannel Fiber Bragg Gratings" IEEE Journal of Quantum Electronics, Vol. 39 , No. 1 January 2003 Whole document	1-33			
A	WO 2002/075408 A1 (REDFERN OPTICAL COMPONENTS PTY. LTD) 26 September 2002, Abstract	1-33			
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C</span> <span><input checked="" type="checkbox"/> See patent family annex</span> </div>					
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;">           * Special categories of cited documents:            "A" document defining the general state of the art which is not considered to be of particular relevance            "E" earlier application or patent but published on or after the international filing date            "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)            "O" document referring to an oral disclosure, use, exhibition or other means            "P" document published prior to the international filing date but later than the priority date claimed         </td> <td style="width: 33%; vertical-align: top;">           "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention            "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone            "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art            "&amp;" document member of the same patent family         </td> <td style="width: 33%;"></td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
Date of the actual completion of the international search <b>14 October 2004</b>		Date of mailing of the international search report <b>21 OCT 2004</b>			
Name and mailing address of the ISA/AU <b>AUSTRALIAN PATENT OFFICE          PO BOX 200, WODEN ACT 2606, AUSTRALIA          E-mail address: pct@ipaaustralia.gov.au          Facsimile No. (02) 6285 3929</b>		Authorized officer  <b>DALE SIVER</b> Telephone No : (02) 6283 2196			

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0015376 A1 (LIU et al.) 7 February, 2002 Page 2 sections [0015],[0016], claim 1	1
X Y	WO 1999/039338 A1 (SIROS TECHNOLOGIES, INC.) 5 August 1999 Abstract, figures, claims Whole document	13,17,18 23,26
X	US 5659536 A (MAILLOT et al.) 19 August 1997 Abstract, figures, claims	13,23,26

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000987

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US 6654521	CA 2461527	US 2003138206	WO 03062880
US 6549664	US 6064586		
WO 02075408	EP 1377856	US 2004146244	
US 2002015376	US 6272095		
WO 9939338	AU 23468/99	US 6020985	
US 5659536	CA 2041618	EP 0455539	FR 2661769
	HK 15097	JP 4228113	
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			
END OF ANNEX			